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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/635818
				Filing Date	August 5, 2003
				First Named Inventor	Harrington, John J. <i>et al.</i>
				Art Unit	1645
				Examiner Name	Not Yet Assigned
Sheet	1	of	7	Attorney Docket Number	ATX-007CP4DV13CN

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
SN	A1	5,024,939	06-18-1991	Gorman	
	A2	5,272,071	12-21-1993	Chappel	
	A3	5,547,933	08-20-1996	Lin	
	A4	5,561,053	10-01-1996	Crowley	
	A5	5,578,461	11-26-1996	Sherwin <i>et al.</i>	
	A6	5,580,734	12-03-1996	Treco <i>et al.</i>	
	A7	5,618,698	04-08-1997	Lin	
	A8	5,621,080	04-15-1997	Lin	
	A9	5,629,159	05-13-1997	Anderson	
	A10	5,641,670	06-24-1997	Treco <i>et al.</i>	
	A11	5,677,170	10-14-1997	Devine <i>et al.</i>	
	A12	5,683,905	11-04-1997	Capon <i>et al.</i>	
	A13	5,688,679	11-18-1997	Powell	
	A14	5,707,830	01-13-1998	Calos	
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	A16	5,733,746	03-31-1998	Treco <i>et al.</i>	
	A17	5,733,761	03-31-1998	Treco <i>et al.</i>	
	A18	5,783,385	07-21-1998	Treco <i>et al.</i>	
	A19	5,789,215	08-04-1998	Berns <i>et al.</i>	
	A20	5,830,698	11-03-1998	Reff <i>et al.</i>	
	A21	5,843,772	12-01-1998	Devine <i>et al.</i>	
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
SN	A23	WO 90/14092	11-29-1990	Cell Genesys, Inc.		
J	A24	WO 91/01140	02-07-1991	Cell Genesys, Inc.		
	A25	WO 91/06667	05-16-1991	Cell Genesys, Inc.		
	A26	WO 92/19255	11-12-1992	Cell Genesys, Inc.		
	A27	WO 92/20808	11-26-1992	Cell Genesys, Inc.		
	A28	WO 93/09222	05-13-1993	Transkaryotic Therapies, Inc.		
SN	A29	WO 94/12650	06-09-1994	Transkaryotic Therapies, Inc.		
	A30	AU 71893/94	06-30-1994	Odile Cohen-Haguenauer		

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	B1	FR 2 707 091	01-06-1995	Odile Cohen-Haguenauer		
SM	B2	WO 95/31560	11-23-1995	Transkaryotic Therapies, Inc.		
	B3	WO 96/04391	02-15-1996	Genentech, Inc.		
	B4	WO 96/29411	09-26-1996	Transkaryotic Therapies, Inc.		
	B5	EP 0 742 285 A1	11-13-1996	Rijksuniversiteit Leiden		
	B6	WO 98/12337	03-26-1998	Chiron Corporation		
	B7	WO 98/14614 A1	04-09-1998	Lexicon Genetics Incorporated		
	B8	WO 99/07389 A1	02-18-1999	Lexicon Genetics Incorporated		
	B9	WO 99/15650 A1	04-01-1999	Athersys, Inc.		
SM	B10	WO 99/50426	10-07-1999	Lexicon Genetics Incorporated		

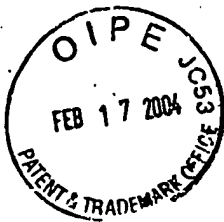
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gm	B11	Auch, D., and Reth, M., "Exon trap cloning: using PCR to rapidly detect and clone exons from genomic DNA fragments," <i>Nucl. Acids Res.</i> 25:6743-6744 (1990).			
I	B12	Avoustin, P., <i>et al.</i> , "Non-homologous recombination within the Major Histocompatibility Complex creates a transcribed hybrid sequence," <i>Mammalian Genome</i> 5(12): 771 -776 (1994).			
	B13	Barker, C.S., <i>et al.</i> , "Activation of the Prolactin Receptor Gene by Promoter Insertion in a Moloney Murine Leukemia Virus- Induced Rat Thymoma," <i>J. Virol.</i> 66(11):6763-6768 (1992).			
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gm	B15	Brikun, I., <i>et al.</i> , "Analysis of CRP-CytR Interactions at the <i>Escherichia coli</i> <i>udp</i> Promoter," <i>J. Bacteriology</i> 178(6):1614-1622 (March 1996).			
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4m	C1	Butturini, A., <i>et al.</i> , "Oncogenes in Human Leukemias," <i>Acta Haematologica</i> 78(Suppl. 1):2-10 (1987).		
	C2	Butturini, A., and Gale, R.P., "Oncogenes and Human Leukemias," <i>Intl. J. Cell Cloning</i> 6(1):2-24 (1988).		
	C3	Chakraborty, A.K., <i>et al.</i> , "Transforming function of proto-ras genes depends on heterologous AR 4 promoters and is enhanced by specific point mutations," <i>Proc. Natl. Acad. Sci. USA</i> 55:2217-2221 (1991).		
	C4	Chang, W., <i>et al.</i> , "Enrichment of Insertional Mutants Following Retrovirus Gene Trap Selection," <i>Virology</i> 193:737-747 (1993).		
	C5	Chow, W.-Y., and Berg, D.E., "Tn5tac1, a derivative of transposon Tn5 that generates conditional mutations," <i>Proc. Natl. Acad. Sci. USA</i> 55:6468-6472 (1988).		
	C6	Church, D.M., <i>et al.</i> , "Isolation of genes from complex sources of mammalian genomic DNA using exon amplification," <i>Nature Genetics</i> 6:98-105 (1994).		
	C7	Crabb, B.S., and Cowman, A.F., "Characterization of promoters and stable transfection by homologous and nonhomologous recombination in <i>Plasmodium falciparum</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 93:7289-7294 (July 1996).		
	C8	Datson, N.A., <i>et al.</i> , "Specific isolation of 3'-terminal exons of human genes by exon trapping," <i>Nucl. Acids Res.</i> 22(20):4148-4153 (1994).		
	C9	Datson, N.A., <i>et al.</i> , "Scanning for genes in large genomic regions: cosmid-based exon trapping of multiple exons in a single product," <i>Nucl. Acids Res.</i> 24:1105-1111 (March 1996).		
	C10	De Benedetti, A., and Rhoads, R.E., "A novel BK virus-based episomal vector for expression of foreign genes in mammalian cells," <i>Nucl. Acids Res.</i> 19:1925-1931 (1991).		
	C11	Dickson, C., <i>et al.</i> , "Tumorigenesis by Mouse Mammary Tumor Virus: Proviral Activation of a Cellular Gene in the Common Integration Region <i>int-2</i> ," <i>Cell</i> 37:529-536 (1984).		
	C12	Dostatni, N., <i>et al.</i> , "Use of Retroviral Vectors for Mapping of Splice Sites in Cottontail Rabbit - Papillomavirus," <i>J. Gen. Virol.</i> 69:3093-3100 (1988).		
	C13	Duesberg, P.H., <i>et al.</i> , "Cancer Genes by Non-Homologous Recombination," In: <u>Boundaries between 7 Promotion and Progression during Carcinogenesis</u> , Sudilovsky, O., <i>et al.</i> , eds., Plenum Press, New York, NY, pp. 197-211 (1991).		
	C14	Duyk, G.M., <i>et al.</i> , "Exon trapping: A genetic screen to identify candidate transcribed sequences - in cloned mammalian genomic DNA," <i>Proc. Natl. Acad. Sci. USA</i> 57:8995-8999 (1990).		
	C15	Frankel, W., <i>et al.</i> , "Retroviral insertional mutagenesis of a target allele in a heterozygous murine cell line," <i>Proc. Natl. Acad. Sci. USA</i> 82:6600-6604 (1985).		
4m	C16	Fujisawa, J.-I., <i>et al.</i> , "Functional activation of the long terminal repeat of human T-cell leukemia virus type I by a <i>trans</i> -acting factor," <i>Proc. Natl. Acad. Sci. USA</i> 82:2277-2281 (1985).		

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SM	D1	Fung, Y.-K.T., <i>et al.</i> , "Activation of the Cellular Oncogene <i>c-erbB</i> by LTR Insertion: Molecular Basis for Induction of Erythroblastosis by Avian Leukosis Virus," <i>Cell</i> 33:357-368 (1983).			
	D2	Goff, S.P., "Gene Isolation by Retroviral Tagging," <i>Meth. Enzymology</i> 152:469-481 (1987).			
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	D4	Hayward, W.S., <i>et al.</i> , "Activation of a cellular <i>onc</i> gene by promoter insertion in ALV-induced lymphoid leukosis," <i>Nature</i> 290:475-480 (1981).			
	D5	Jackson, I.J., "A reappraisal of non-consensus mRNA splice sites," <i>Nucl. Acids Res.</i> 19(14):3795-3798 (1991).			
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	D7	Joyner, A.L., "Gene Targeting and Gene Trap Screens Using Embryonic Stem Cells: New Approaches to Mammalian Development," <i>BioEssays</i> 13:649-656 (1991).			
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	D11	Kreissig, S., <i>et al.</i> , "Expression of peptides encoded by exons in cloned mammalian DNA," <i>Nucl. Acids Res.</i> 24:4358-4359 (November 1996).			
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	D13	Liang, Y., <i>et al.</i> , "Effects of Alternate RNA Splicing on Glucokinase Isoform Activities in the Pancreatic Islet, Liver, and Pituitary," <i>J. Biol. Chem.</i> 266(11):6999-7007 (1991).			
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	E2	Muth, K., <i>et al.</i> "Disruption of Genes Regulated During Hematopoietic Differentiation of Mouse Embryonic Stem Cells," <i>Develop. Dynamics</i> 212:277-283 (June 1998).	
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	E5	Nilsen, T.W., <i>et al.</i> , "c-erbB Activation in ALV- Induced Erythroblastosis: Novel RNA Processing 15 and Promoter Insertion Result in Expression of an Amino-Truncated EGF Receptor," <i>Cell</i> 41:719-726 (1985).	
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fu	F1	Robinson, W.S., "Molecular Events in the Pathogenesis of Hepadnavirus-Associated Hepatocellular Carcinoma," <i>Annu. Rev. Med.</i> 45:297-323 (1994).	
	F2	Salminen, M., <i>et al.</i> , "Efficient Poly A Trap Approach Allows the Capture of Genes Specifically Active in Differentiated Embryonic Stem Cells and in Mouse Embryos," <i>Develop. Dynamics</i> 212:326-333 (June 1998).	
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	F5	Shen-Ong, G.L.C., <i>et al.</i> , "Two Modes of <i>c-myb</i> Activation in Virus-Induced Mouse Myeloid Tumors," <i>Mol. Cell. Biol.</i> 6(2):380-392 (1986).	
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	F8	Stary, A., and Sarasin, A., "Simian virus 40 (SV40) large T antigen-dependent amplification of an 20 Epstein-Barr virus-SV40 hybrid shuttle vector integrated into the human HeLa cell genome," <i>J. Gen. Virol.</i> 73:1679-1685 (1992).	
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	F13	Tsichlis, P.N., <i>et al.</i> , "A common region for proviral DNA integration in MoMuLV-induced rat thymic lymphomas," <i>Nature</i> 302:445-449 (1983).	
	F14	Unger, R.E., <i>et al.</i> , "Simian Immunodeficiency Virus (SIVmac) Exhibits Complex Splicing for <i>tat</i> , <i>rev</i> , and <i>env</i> mRNA," <i>Virology</i> 152:177-185 (1991).	
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Sheet	7	of	7	Attorney Docket Number	ATX-007CP4DV13CN
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Application Number	10/635818
Filing Date	August 5, 2003
First Named Inventor	Harrington, John J. <i>et al.</i>
Art Unit	1645
Examiner Name	Not Yet Assigned
Attorney Docket Number	ATX-007CP4DV13CN

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Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
4M	G1	Voss, A.K., <i>et al.</i> , "Efficiency Assessment of the Gene Trap Approach," <i>Develop. Dynamics</i> 212:171-180 (June 1998).	
	G2	Westphal, E.M., <i>et al.</i> , "A System for Shuttling 200-kb BAC/PAC Clones into Human Cells: Stable 23 Extrachromosomal Persistence and Long-Term Ectopic Gene Activation," <i>Human Gene Ther.</i> 9:1863-1873 (September 1998).	
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	G4	Yoshida, M., <i>et al.</i> , "A New Strategy of Gene Trapping in ES Cells Using 3'RACE," <i>Transgenic Research</i> 4:277-287 (1995).	
	G5	Zhou, H., and Duesberg, P.H., "A retroviral promoter is sufficient to convert proto- <i>src</i> to a transforming gene that is distinct from the <i>src</i> gene of Rous sarcoma virus," <i>Proc. Natl. Acad. Sci. USA</i> 87:9128-9132 (1990).	
	G6	Dialog File 351, Derwent WPI English language abstract for FR 2 707 091.	
	G7	Drug Discovery News, "Lexicon Genetics, Inc.," <i>Genetic Engin. News</i> 19:35 (March 1999).	
4M	G8	PCT International Search Report as provided by the International Searching Authority.	

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